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JUN 04 2007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the application of:

Tom Hartley et al.

Serial No: 10/517,674

Filed: May 26, 2005

For: OPTIMAL BATTERY CHARGING  
FOR DAMAGE MITIGATION

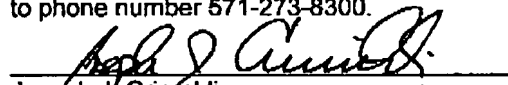
Group Art Unit: 2112

Confirmation No: 1930

Examiner: M Baye Diao

**CERTIFICATE OF FACSIMILE  
TRANSMISSION**

I hereby certify that this correspondence was transmitted to the United States Patent and Trademark Office via facsimile on June 4, 2007 to phone number 571-273-8300.

  
Joseph J. Crimaldi**REPLY TO OFFICE ACTION DATED JANUARY 4, 2007**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Office Action dated January 4, 2007, for which a three (3) month period of response was given. A Petition and fee for a two (2) month extension of time accompany this paper. The Applicants, by and through their attorney, respond as follows.

**Amendments to the Specification** are reflected in the Amendments to the Specification, which begins on page 2 of this paper.

**Amendments to the Claims** are reflected in the Listing of the Claims, which begins on page 4 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.